Index of Claims

O9/893,644

Examiner

Yixing Qin

Applicant(s)

Applicant(s)

AATSUI, KENTA

Art Unit

Yixing Qin

2622

| 1 | Rejected | 1 | (Through nume<br>Cancelled |
|---|----------|---|----------------------------|
| = | Allowed  | + | Restricted                 |

| (Through numeral)<br>Cancelled | N | Non-Elected  |
|--------------------------------|---|--------------|
| Restricted                     | ı | Interference |

| A | Appeal   |
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| 0 | Objected |

| Claim Date |          |          |                 |          |                | $\neg$   | Claim Date   |                         |          |          |          |          |                         | 1 1            | Claim Date |              |         |         |                         |          |     |              |            |               |          |              |          |              |                 |           |           |
|------------|----------|----------|-----------------|----------|----------------|----------|--------------|-------------------------|----------|----------|----------|----------|-------------------------|----------------|------------|--------------|---------|---------|-------------------------|----------|-----|--------------|------------|---------------|----------|--------------|----------|--------------|-----------------|-----------|-----------|
| Cle        |          |          |                 |          |                |          |              |                         | 1 0      |          |          |          |                         |                |            |              |         |         |                         |          | aim | Date         |            |               |          |              |          |              |                 |           |           |
| Final      | Original | 2/11/05  |                 |          |                |          |              |                         |          |          | Final    | Original |                         |                |            |              |         |         |                         |          |     | Final        | Original   |               |          |              |          |              |                 |           |           |
|            | 1        | 1        |                 |          |                | L_       |              |                         |          |          |          | 51       |                         |                |            |              |         |         |                         |          | ]   |              | 101        |               | $\neg$   | 7            | T        |              |                 | $\neg$    |           |
|            | 2        | V        |                 |          |                |          |              | $\lfloor \cdot \rfloor$ |          |          |          | 52       |                         |                | $\Box$     | П            | Т       | $\top$  |                         | T        |     |              | 102        |               | $\neg$   | $\top$       | T        | Ī            |                 | T         |           |
|            | 3        | 1        |                 |          |                | L        |              |                         |          |          |          | 53       |                         |                |            |              |         |         |                         |          |     |              | 103        |               | $\Box$   |              | Г        |              |                 | П         |           |
|            | 4        | ٧        | $\sqcup$        |          |                | L        |              |                         |          |          |          | 54       |                         |                |            |              |         |         |                         |          |     |              | 104        |               |          |              |          |              |                 | П         |           |
|            | 5        | 1        |                 |          | L              | L        |              |                         |          |          | L        | 55       |                         |                |            |              |         |         |                         |          | ]   |              | 105        |               |          |              |          |              |                 |           |           |
|            | 6        | 1        | Ш               |          |                | <u> </u> | L            |                         |          |          |          | 56       | Ш                       | _              |            | $\perp$      | $\perp$ | ᆚ       | $\perp$                 | <u> </u> | ]   |              | 106        |               |          |              | _        | L            | Ш               |           |           |
| <u> </u>   | 7        | 1        | Ш               |          | _              | _        | L            |                         |          | _        |          | 57       | Ш                       |                |            | $\perp$      |         | ┸       |                         |          | ļ   |              | 107        |               |          | L            |          | L            | Ш               | $\dashv$  |           |
|            | 8        | 1        | Ш               | $\Box$   | <u> </u>       | <u> </u> | L            | Ш                       | $\Box$   | _        |          | 58       | Ш                       | _              | _          | _            | ┵       | ┸       | ┵                       | $\perp$  |     |              | 108        |               |          | $\perp$      |          |              | Ш               | ┙         |           |
|            | 9        | 1        | Ш               |          | <u> </u>       | <u> </u> | <u> </u>     | Ш                       | Ц        | _        |          | 59       | Щ                       | _              | _          | $\perp$      | $\perp$ | $\perp$ | $\perp$                 | 1        |     | L            | 109        |               |          | _            |          | <u> </u>     |                 | _         |           |
|            | 10       | 1        |                 |          | L.             | _        | <u> </u>     |                         | Ш        | _        | L        | 60       | Щ                       | _              |            | 4            | _       | _       | 4                       | $\bot$   |     |              | 110        | $\rightarrow$ | _        | ┸            | _        | _            | Щ               | _         |           |
| <u> </u>   | 11       | 1        | $\vdash$        |          | <u> </u>       | <u> </u> | <u> </u>     | Н                       | $\dashv$ |          | ļ        | 61       | Ш                       | _              | _          | -            | _       | $\bot$  |                         | +-       |     | <u> </u>     | 111        | _             | _        | 4            | _        | ↓_           | Ш               | 4         | _         |
| <u> </u>   | 12       | 1        | $\vdash$        | $\vdash$ | -              | $\vdash$ | -            | Н                       | $\vdash$ | _        | <u> </u> | 62       | $\sqcup$                | $\dashv$       | -+         | +            | - -     | -       | +                       | +        |     | ļ            | 112        | <b>-</b>      | -        | $\bot$       | 1        | <del> </del> | $\sqcup$        |           | 4         |
| <u> </u>   | 13       | 1        | H               | H        | <u> </u>       | ऻ_       | <u> </u>     |                         |          | $\dashv$ | <u> </u> | 63       | $\sqcup$                | $\dashv$       | $\dashv$   | +            | - -     | +       | +                       | +        |     | ļ            | 113        |               | +        | +            | +        | ـ            | $\vdash \vdash$ | _         | _         |
|            | 14       | 1        | $\vdash$        |          | <u> </u>       | ├        | H            | Н                       | $\dashv$ | $\dashv$ | -        | 64       | -                       | $\dashv$       |            | -            | +       | +       |                         | +        |     | <u> </u>     | 114        | -             | -        | +            | _        | ┾-           | Н               | $\dashv$  | 4         |
| $\vdash$   | 15<br>16 | 1        | $\vdash \vdash$ | -        | <del> </del> — | $\vdash$ | H            | Н                       | $\vdash$ | $\dashv$ | -        | 65<br>66 | $\mid \rightarrow \mid$ | -+             | -          | +            | +       | +       | +                       | +        |     | <u> </u>     | 115        |               | +        | +            | +-       | ⊢            | $\vdash \vdash$ | $\dashv$  | $\dashv$  |
| <u> </u>   | 17       | 1        | Н               |          | $\vdash$       | ⊢        |              | Н                       | $\dashv$ | $\dashv$ |          | 67       | -                       | -              | -          | $\dashv$     | +       | +       | +                       | +        |     |              | 116<br>117 |               | -        | +            | -        | ⊢            | $\vdash$        | $\dashv$  | $\dashv$  |
|            | 18       | V        | Н               | -        | ┝              | ├        | H            | Н                       |          | $\dashv$ |          | 68       | Н                       | -              | _ <u></u>  | +            | -+      | +       | +-                      | +-       |     | <u> </u>     | 118        | $\dashv$      |          | ╀            | +        | ╁            | $\vdash$        | +         | $\dashv$  |
|            | 19       | 1        | Н               | _        | -              | ⊢        | H            | Н                       | $\dashv$ | $\dashv$ | <u> </u> | 69       | Н                       | -              | _          | +            | +       | ╁       | +-                      | +        |     | <b></b> -    |            | $\dashv$      |          | ╀            |          | ╄            | $\vdash \vdash$ | $\dashv$  | $\dashv$  |
|            | 20       | V        | $\vdash$        |          | -              | ├        | $\vdash$     | Н                       | $\dashv$ | $\dashv$ | <u> </u> | 70       | $\vdash$                | $\dashv$       | $\dashv$   | +            | +       | +       | +                       | -        |     | <u> </u>     | 119<br>120 | $\dashv$      |          | ╀            | +-       | ╄            | $\vdash \vdash$ | +         | -         |
|            | 21       | 1        | Н               |          | -              | -        | Н            | H                       | $\dashv$ | $\dashv$ | <u> </u> | 71       | $\vdash$                | -              |            | +            | +       | ╫       | ┿                       | +-       | 1   | <u> </u>     | 121        | -             |          | +-           | +        | ╁            | $\vdash$        | $\dashv$  | 4         |
|            | 22       | Ť        | H               | _        | ⊢              | ├        | ┝            | Н                       | $\dashv$ | $\dashv$ | -        | 72       | Н                       | $\dashv$       | $\dashv$   | +            | +       | +       | +-                      | +        |     | <u> </u>     | 122        | $\dashv$      | -        | ╫            | +-       | ╁            | $\vdash \vdash$ | $\dashv$  | -         |
|            | 23       | 1        | -               | -        | $\vdash$       | ┢╌       | -            | Н                       |          | $\dashv$ | -        | 73       | $\vdash$                |                | -+         | +            | +       | +       | +                       | +        |     |              | 123        |               | +        | ╁            |          | ┿            | Н               | +         | $\dashv$  |
|            | 24       | 1        | Н               | -        | -              | ┢        | -            | Н                       | $\dashv$ | -        |          | 74       | $\vdash$                | $\dashv$       | _          | +            | +       | +       | +                       | +-       |     | <del></del>  | 124        | $\dashv$      | +        | ╁╌           | +-       | +            | -               | +         | $\dashv$  |
|            | 25       | 1        | Н               |          | $\vdash$       | ⊢        | $\vdash$     | -                       | $\dashv$ | $\dashv$ |          | 75       | Н                       | $\dashv$       | <b>-</b>   | +            | +       | +       | +                       | +        |     | <del> </del> | 125        | $\dashv$      | $\dashv$ | +            | +        | +            | $\vdash$        | $\dashv$  | $\dashv$  |
|            | 26       | 1        | Н               |          | $\vdash$       | $\vdash$ | $\vdash$     | Н                       | $\dashv$ | $\dashv$ | $\vdash$ | 76       |                         | -              | -+         | +            | ╌       | +       | +                       | +        |     | $\vdash$     | 126        | $\dashv$      | $\dashv$ | +            | -        | <del> </del> | H               | +         | $\dashv$  |
|            | 27       | V        | Н               |          | $\vdash$       | -        |              | Н                       | $\dashv$ | $\dashv$ |          | 77       | H                       | $\dashv$       | -+         | $\dashv$     | +       | +       | +                       | +        |     |              | 127        | -             | -        | +            | +        | +            |                 | $\dashv$  | -         |
|            | 28       | V        | Н               |          |                | $\vdash$ | $\vdash$     | Н                       |          | $\dashv$ |          | 78       |                         | 十              | $\dashv$   | $\dashv$     | +       | +       | +                       | +        | 1   | <u> </u>     | 128        | _             | $\dashv$ | +-           | +-       | <del> </del> |                 | $\dashv$  | _         |
|            | 29       | V        | H               |          |                | H        |              | H                       |          | $\neg$   |          | 79       |                         | _              | 寸          | $\dashv$     | +       | +       | +                       | +        | 1   | <u> </u>     | 129        |               | $\dashv$ | +            | +        | $\vdash$     | Н               | 7         | $\dashv$  |
|            | 30       | 1        | П               |          |                |          | Г            | Н                       | $\dashv$ |          |          | 80       |                         | $\neg \dagger$ | $\dashv$   | 十            | 十       | +       | +                       | $\top$   | 1   | <b></b>      | 130        | $\dashv$      | _        | T            | +        | $\dagger$    | Н               | _         | $\dashv$  |
|            | 31       | 1        | П               |          |                |          | _            | П                       |          | _        |          | 81       |                         |                | 7          | $\top$       | 十       | $\top$  | +                       | 1        | 1   |              | 131        |               | _        | T            | T        |              | Н               | $\dashv$  | $\dashv$  |
|            | 32       | 1        | П               |          | Г              |          |              | П                       |          | $\neg$   |          | 82       |                         |                | T          | $\top$       | 十       | $\top$  | +                       | 1        | 1   |              | 132        |               |          | T            | 1        | t            | П               | $\neg$    | $\exists$ |
|            | 33       | 1        |                 |          |                | -        |              | П                       |          |          |          | 83       |                         |                | 丁          | ヿ            | ╗       |         | $\top$                  |          | i   |              | 133        | $\neg$        |          | T            | T        | İ            | П               | 寸         | _         |
|            | 34       | 1        |                 |          |                |          |              |                         |          |          |          | 84       |                         |                |            |              |         |         | 1                       | 1        |     |              | 134        | $\neg$        |          | T            | $\top$   | Π            | $\Box$          | ヿ         |           |
|            | 35       | 1        |                 |          |                |          |              |                         |          |          |          | 85       |                         |                | $\prod$    | $\Box$       |         | I       | $oldsymbol{\mathbb{I}}$ |          | ]   |              | 135        |               |          | $\perp$      | Γ        |              |                 | 丁         |           |
|            | 36       | 1        |                 |          |                |          |              |                         |          |          |          | 86       |                         |                |            | $\Box$       |         | I       | $oldsymbol{\mathbb{I}}$ |          | ]   |              | 136        |               |          | $oxed{oxed}$ |          | Γ            |                 | 丁         |           |
|            | 37       |          |                 |          |                |          |              |                         |          |          |          | 87       |                         |                | $\Box$     | $oxed{oxed}$ |         |         |                         |          |     |              | 137        |               |          | $oxed{\Box}$ | $\prod$  |              |                 |           |           |
|            | 38       |          |                 |          |                |          |              |                         |          |          |          | 88       |                         |                |            | $\Box$       | $\perp$ | $\perp$ | I                       |          |     |              | 138        | $\Box$        |          |              |          |              |                 | $\Box$    |           |
|            | 39       |          | Ш               |          |                |          |              |                         |          |          |          | 89       | Ш                       |                | $\bot I$   | $\perp$      | $\perp$ |         | $\perp$                 |          |     |              | 139        | $\Box$        |          | $\perp$      |          |              |                 | $\Box$    |           |
|            | 40       |          | Ш               |          | <u> </u>       | Щ.       | igsqcup      | Ш                       |          | _        |          | 90       | Ш                       | [              | _[         | $\perp$      |         | L.      | $\Box$                  |          |     |              | 140        | $\Box$        |          |              |          |              | Ш               | $\Box$    |           |
|            | 41       |          |                 |          | _              |          |              | Ш                       |          |          | L        | 91       | Ш                       |                | _          | $\perp$      | $\perp$ | $\perp$ |                         | Щ.       |     |              | 141        |               |          |              |          | L            | Ш               |           |           |
| L          | 42       |          | Ш               |          | <u>L</u>       | _        | Ш            | Ш                       | $\Box$   | _        | <u> </u> | 92       | Ш                       |                | _          | $\perp$      | $\perp$ | $\perp$ | Ţ                       |          |     |              | 142        | _[            |          | $\perp$      | $\perp$  | $oxed{\Box}$ | Ш               | [         |           |
| L          | 43       | L        | Ш               | Щ        | Ш              |          | Ш            | Ш                       | Ц        |          |          | 93       | Ш                       | $\perp$        |            | $\perp$      | $\perp$ | $\bot$  | $\perp$                 | $\perp$  |     |              | 143        |               |          | L            | _        | $oxed{\Box}$ | Ш               |           |           |
| <u> </u>   | 44       | <u> </u> | Ш               |          | <u> </u>       | <u> </u> |              | $\sqcup$                |          | _        | <u> </u> | 94       | Щ                       | ļ              | _          | $\bot$       | 4       | 4       | $\perp$                 | $\bot$   |     |              | 144        | _             | $\perp$  | 1            | <u> </u> | 1            | 니               | _         | _         |
|            | 45       | <u> </u> | $\sqcup$        | _        |                | <u> </u> |              | Ш                       | $\Box$   | _        | L        | 95       | $\sqcup$                | _              | _          | $\perp$      | 4       | 4       | $\perp$                 | Щ.       |     |              | 145        | $\perp$       | $\perp$  | 1            | 1        | 丄            | Ш               |           |           |
| <u> </u>   | 46       | _        | Ш               | Ь.       | Щ              | _        | <b> </b>     | Ш                       | $\sqcup$ | _        | <u> </u> | 96       | Щ                       | _              | -          | $\dashv$     | +       | $\bot$  | $\perp$                 | 4        |     |              | 146        | $\dashv$      |          | 丰            | 4        | <u> </u>     | $\sqcup$        |           |           |
| <u> </u>   | 47       | _        | Щ               | $\vdash$ | Ш              | <u> </u> | -            | Н                       | $\vdash$ | _        | <u> </u> | 97       | $\vdash \downarrow$     | _              | $\dashv$   | +            | +       | +       | $\perp$                 | $\bot$   |     |              | 147        | $\sqcup$      | $\dashv$ | $\perp$      | $\bot$   | ↓_           | $\sqcup$        | $\dashv$  | _         |
| <u> </u>   | 48       | <u> </u> | Н               | _        | <u> </u>       | $\vdash$ | <u> </u>     | $\vdash \vdash$         | $\sqcup$ |          | <u> </u> | 98       | $\sqcup$                | _              | -+         | +            | - -     | 4       | +                       | $\bot$   |     | <u> </u>     | 148        | _             | $\perp$  | +            | +        | ↓_           | $\sqcup$        | $\dashv$  |           |
| $\vdash$   | 49       |          | Н               | $\vdash$ | H              | $\vdash$ | <del> </del> | $\vdash \vdash$         | $\vdash$ | $\dashv$ | -        | 99       | $\vdash \vdash$         | -              | $\dashv$   | $\dashv$     | +       | +       | +                       | —        |     | <u> </u>     | 149        | $\dashv$      | +        | 4            | ╄        | ╄            | $\vdash \vdash$ | -         | 긕         |
|            | 50       |          | Ш               |          | Ш              |          | لــــا       |                         | L J      |          |          | 100      | Ш                       |                | 1_         |              |         |         | 1                       |          | J   | L            | 150        |               |          |              |          | 1            | ıl              | $\perp$ l |           |